

Appl. No.: 10/527,341

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)
2. (Previously presented) The sealing system according to claim 11, further characterized in that the single-unit seal has a first section provided with sealing lips pressing on the walls of the through-hole.
3. (Previously presented) The sealing system according to claim 11, further characterized in that the single-unit seal has a smooth second section.
4. (Previously presented) The sealing system according to claim 3, further characterized in that the second section of the single-unit seal is adapted to be partially inserted into the connection terminal.
5. (Previously presented) The sealing system according to claim 11, further characterized in that the through-holes of the multi-terminal seal each have a rear part having a section which is adapted to at least partially conform to a larger size connection wire which can be used with the electrical connector without the single-unit seal.
6. (Cancelled)

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7. (Previously presented) The sealing system according to claim 5, further characterized in that front part of the through-holes is smooth.

8. (Previously presented) The sealing system according to claim 11, further characterized in that the multi-terminal seal comprises two plates positioned on top of one another, one of these plates comprising the front part of the through-holes and the other plate comprising the rear part of the through-holes.

9. (Previously presented) The sealing system according to claim 11, further characterized in that the multi-terminal seal is of an elastic and impermeable material.

10. (Previously presented) An electrical connector comprising several connection terminals and electrical connection wires, wherein the electrical connector comprises the sealing system according to claim 11.

11. (Currently amended) A multi-terminal electrical connector sealing system comprising:

a plastic body in which is housed:

a multi-terminal seal, wherein the multi-terminal seal comprises a flexible material having a plurality of through-holes that pass completely through the multi-terminal seal, wherein at least one of the through-holes is sized and shaped to receive an electric connection wire and ~~at least a portion of an electrical terminal in which the wire is crimped~~, wherein a rear part of the at

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least one through-hole has sealing lips sized and shaped to press on the connection wire; and

at least one single-unit seal having a general tubular shape, wherein the single-unit seal is sized and shaped to surround a portion of the connection wire, and wherein the single-unit seal is sized and shaped to be located at least partially in one of the through-holes of the multi-terminal seal,

wherein the at least one through-hole of the multi-terminal seal has a front part having a section which is sized and shaped to at least partially receive the single-unit seal.

12. (Previously presented) An electrical connector comprising:

a housing;

at least one electrical terminal connected to the housing;

a multi-terminal seal in the housing having a plurality of through-holes receiving electrical wires having electrical terminals thereon; and

at least one single-unit seal having a general tubular shape, wherein the single-unit seal at least partially surrounds one of the connection wires, wherein the single-unit seal is located partially in one of the through-holes of the multi-terminal seal, and wherein the through-holes of the multi-terminal seal each have a front part having a section which partially receives the

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single-unit seal, wherein a rear part of the through-holes each has sealing lips pressing on the connection wire.

13. (Previously presented) An electrical connector subassembly comprising:

a housing having electrical terminal receiving areas; and

a multi-terminal seal connected to the housing, wherein the multi-terminal seal comprises a plurality of through-holes receiving electrical wires having electrical terminals connected thereto, wherein the through-holes each comprise a front section and a rear section,

wherein the rear sections each partially receive a first one of the electrical wires having a first larger size, wherein the rear parts of the through-holes each has sealing lips pressing on the wire,

wherein the front sections each receive a single-unit seal having a tubular shape which are inserted into the front section for sealing with a second electrical wire having a second smaller size, and

wherein the front sections each partially receive a single-unit seal.

14. (Previously presented) An electrical connector subassembly as in claim 13 further comprising at least one single-unit seal located in at least one of the front sections of the multi-terminal seal.